EXPLANATION

Description of Units

QUATERNARY AND TERTIARY OVERLAP DEPOSITS

- Qal — Alluvial deposits (Holocene and late Pleistocene)
- Qby — Battery Formation (Blue sandstone interbedded with clay – late Pleistocene)
- Qls — Landslide deposits (Holocene and Pleistocene)
- Qm — Undeformed marine shoreline and aolian deposits (Holocene and Pleistocene)
- Qt — Undifferentiated nonmarine terrace deposits (Holocene and Pleistocene)
- Qtc — Coastal Plane Sediments (Pliocene and Miocene? - from Hardin, may correspond to Qtw below)
- QTw — Marine and nonmarine overlap deposits (late Pleistocene to middle Miocene – from McLaughlin)
- Mwi — Wimer Formation (marine siltstone sandstone and conglomerate - early to mid Miocene - from Wagner and Saucedo)
- Tg — Tertiary gravels (from Wagner and Saucedo)
- Ti — Tertiary intrusive rocks (volcanic rocks of Fickel Hill, Coyote Peak diatreme – Oligocene)

COAST RANGES PROVINCE

KJf FRANCISCAN COMPLEX

Coastal Belt

Coastal terrane *(Pliocene to late cretaceous)*

Unnamed melange

- col — Melange (dominantly argillite)
- coc — Melange (subequal sandstone and argillite)

Unnamed sandstone and argillite

- co3 — Broken sandstone and argillite

Unnamed other units

- cob — Basaltic Rocks (late cretaceous)
- cols — Limestone (late cretaceous)
- sh — Undivided blueschist

Yager terrane
(Eocene to Paleocene?)

- y1 — Sheared and highly folded mudstone

Central Belt

- KJfsc — Sandstone and melange of Snow Camp Mountain (designation of unit from Harden (Central Belt) may correspond to cb1 and cb2 from McLaughlin –listed in adjacent right column)
- KJfss — Franciscan sandstone (from Wagner and Saucedo may correspond to cb3 and cb4 from McLaughlin)
- KJfr — Schist of Redwood Creek
- KJfl — Coherent unit of Lacks Creek (coherent sandstone and interbedded sandstone and mudstone, massive sandstone beds common – from Harden)
- KJfc — Incoherent unit of Coyote Creek (less common massive sandstone beds, lower sandstone:mudstone ratio than the coherent unit – from Harden)
- KJfmg — Meta-greywacke
- KJfg — Metamorphosed sandstone and mudstone of the Grogan Fault Zone (from Hardin)
- KJfgs — Franciscan greenstone (from Wagner and Saucedo may correspond to gs from McLaughlin)

Unnamed Franciscan melange

- cm1 — Melange (predominantly meta-argillite)
- cm2 — Melange (subequal meta-sandstone, meta-argillite)

Unnamed Franciscan meta-sandstone and meta-argillite

- cb1 — Broken formation (meta-sandstone and meta-argillite)
- cb2 — Broken formation (meta-sandstone)

Unnamed other units

- c — Meta-chert
- b — Melange block, lithology unknown
- gs — Basaltic rocks

Eastern Belt

- KJfs — South Fork Mountain Schist

Coast Range Ophiolite

- sp — Undivided serpentinized, peridotite

KLAMATH MOUNTAIN PROVINCE

Western Jurassic Belt
Smith River subterrane

- Jg — Galice Formation (phylittic argillite greywacke stretched pebble conglomerate)
- ms — Undivided pre-Cretaceous metasedimentary rocks

Josephine Ophiolite

- Jv — Volcanic rocks (pillow lava and breccia)
- Jgd — Gabbro, diorite and related rocks
- Jum — Ultramafic rocks (partially to completely serpentinized peridotite, locally includes mafic rocks)

Western Paleozoic and Triassic Belt

- Mzgb — Ultramafic gabbroic rock
- MzPz ms — Metasedimentary rocks (argillite, phylitte, conglomerate, breccia chert, some volcaniclasic rocks)
- MzPz mvs — Volcaniclastic sediments, mixed volcanic and metasedimentary rocks

Figure 4-1(D). Legend for the geologic map of the HPAs and Original Assessed Ownership.